

Application Serial No. 10/758,838
Response Dated October 18, 2005
Reply to Restriction dated September 23, 2005

Amendments to the claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (Original) A method for ventilating an inside space using an HVAC system, the HVAC system adapted to respond to system calls for controlling one or more environmental conditions of the inside space, the HVAC system including a fan to distribute air to the inside space, and further including a fresh air intake that can be opened and closed, the method comprising:

determining a fraction of time that the fresh air intake must be open during anticipated future system calls of the HVAC system to meet a desired ventilation threshold for the inside space by the end of a predetermined time period; and

opening the fresh air intake by the fraction determined in the determining step during one or more subsequent system calls of the HVAC system.

2. (Original) A method according to claim 1, further comprising the step of: updating over time the fraction of time that the fresh air intake must be open during anticipated future system calls of the HVAC system to meet a desired ventilation threshold for the inside space.

3. (Original) A method according to claim 1, further comprising the step of:

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providing a fresh air ventilation call to the HVAC system, and opening the fresh air intake, if the fraction exceeds a predetermined value.

4. (Original) A method according to claim 3, further comprising the step of: providing two or more fresh air ventilation calls over time to the HVAC system if the fraction exceeds the predetermined value two or more times over time.

5. (Original) A method according to claim 3 further comprising the step of smoothing out the two or more fresh air ventilation calls over time.

6. (Original) A method according to claim 5 wherein the smoothing step comprises increasing the fresh air ventilation at selected times and/or decreasing the fresh air ventilation at selected times.

7-47. (Cancel).